

ENERGY STORAGE FLYWHEEL RETENTION SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

An energy storage flywheel system includes a flywheel assembly that is rotationally mounted in a housing assembly, and one or more actuator assemblies. The actuator assemblies are configured to selectively engage and disengage the flywheel assembly. When the actuator assemblies engage the flywheel assembly, the actuator assemblies provide support for, and inhibit rotation of, the flywheel assembly. When the actuator assemblies disengage the flywheel assembly, the actuator assemblies no longer support the flywheel assembly, and no longer inhibit its rotation.